



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT TRANSMITTAL FORM

IFW

Applicant:

Chang, et al.

Serial No.:

10/766,294

For:

SYSTEMS AND METHODS FOR SORTING AEROSOLS

Filed:

January 28, 2004

Art Unit:

Not yet assigned

Examiner:

Not yet assigned

Confirmation No.:

Not yet assigned

Customer No.:

27,623

Attorney Docket No.:

807.7965USU

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are enclosing:

1. Information Disclosure Statement with copies of references;
2. PTO Form 1449;
3. Transmittal letter in duplicate; and
4. Postcard.

Please charge any additional fees or credit any such fees, if necessary to Deposit Account No. 01-0467 in the name of Ohlandt, Greeley, Ruggiero & Perle. A duplicate copy of this sheet is attached.

Respectfully submitted,

Date: May 20, 2004

Paul D. Greeley
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682
(203) 327-4500

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, , ON May 20, 2004.

Jeffrey J. Scepanski
NAME

SIGNATURE

05/20/04
DATE



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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application. This Information Disclosure Statement is being filed:

___ Within three (3) months of the filing date of the national application;

___ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

XXX Before the mailing date of a first Office Action on the merits;

___ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);



After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1).

Cited in the attached PTO-1449 are U.S. Patent Nos. 4,756,427; 5,561,515; 5,730,417; and 6,432,630. Pursuant to the waiving of the requirement of 37 CFR 1.98 (a)(2)(i), copies of these U.S. references are not enclosed.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,

Paul D. Greeley
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, CT 06901-2682
(203) 327-4500

Date: May 20, 2004

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Sheet 1 of 8

FORM PTO-1449

Docket Number (Optional)

807.7965USU

Application Number

10/766,294

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Applicant

Chang, et al.

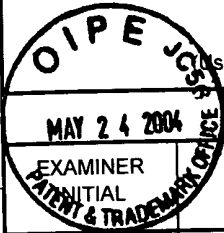
Filing Date

January 28, 2004

Group Art Unit

Not yet assigned

(Use several sheets if necessary)



U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,756,427	7/12/88	Göhde, et al.	209		
	5,561,515	10/1/96	Hairston, et al.	358		
	5,730,417	3/24/98	Keville, et al.	251		
	6,432,630	8/13/02	Blankenstein, G.	435		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	40 17 709	12/5/91	DE			X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Y. Pan, et al., <i>Single-shot Florescence Spectra of Individual Micrometer-Sized Bioaerosols illuminated by a 351- or a 266-nm Ultraviolet Laser</i> . Optics Letters, Vol. 24, No. 2, January 15, 1999, pp. 116-118.
	R. S. Neve, <i>Particle Deflection Using Air Jets</i> . Trans. Inst. M.C., Vol. 7, No. 1, January-March, 1985, pp. 32-38.
	Y. Pan, et al., <i>Single-Particle Fluorescence Spectrometer for Ambient Aerosols</i> . Aerosol Science and Technology, Vol. 37, 2003, pp. 627-638.
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

CUSTOMER NO.: 27623

Sheet 2 of 8

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional)	Application Number
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	Chang, et al.	
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						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	F. L. Reyes, et al., <i>Bio-Aerosol Fluorescence Sensor</i> . Field Analytical Chemistry and Technology, Vol. 3, 1999, pp. 240-248.
	J. D. Eversole, et al., <i>Continuous Bioaerosol Monitoring Using UV Excitation Fluorescence: Outdoor Test Results</i> . Field Analytical Chemistry and Technology, Vol. 15, 2001, pp. 205-212.
	G. A. Luoma, et al., <i>Real-Time Warning of Biological-Agent Attacks with the Canadian Integrated Biochemical Agent Detection System II (CIBADS II)</i> . Field Analytical Chemistry and Technology, Vol. 3, 1999, pp. 260-273.

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						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	J. Ho., <i>Future of Biological Aerosol Detection</i> . Analytica Chimica Acta, Vol. 457, 2002, pp. 125-148.
	P. Belgrader, et al., <i>PCR Detection of Bacteria in Seven Minutes</i> . Science, Vol. 284, No. 5413, April 16, 1999, pp. 449-450.
	S.-I. Makino, et al., <i>Detection of Anthrax Spores from the Air by Real-time PCR</i> . Letters in Applied Microbiology, Vol. 33, 2001, pp. 237-240.

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						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	K. Asano, et al., <i>The Effect of Particle Velocity on Electrostatic Particle Sorting</i> . Journal of Electrostatics, Vol. 42, 1997, pp. 17-23.
	J. R. Bottinger, et al., <i>An Ink Jet Aerosol Generator</i> . Journal of Aerosol Science, Vol. 29, Supplement 1, pp. S965-S966.
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)Cheng et al. "Aerosol Science and Technology." http://www.aaar.org/ast_abst/v30n0209.htm"Particle Size and Shape with Fluorescence (FL-ASAS)"
<http://www.biral.com/particle/fluore.htm>

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